



Docket No.: AKY-0022  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Yoshinori Kuboki

Application No.: 10/522,901 ✓

Confirmation No.: N/A

Filed: February 1, 2005

Art Unit: N/A

For: MEDICAL MATERIAL MADE OF  
TITANIUM FIBER

Examiner: Not Yet Assigned

### SECOND INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Submitted herewith on Form PTO-1449 or PTO/SB/08 is a listing of documents known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 CFR 1.56. Applicant respectfully requests that the listed documents be considered by the Examiner and formally be made of record in the present application and that an initialed copy of Form PTO-1449 or PTO/SB/08 be returned in accordance with MPEP §609.

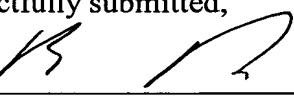
- A copy of each listed document is being submitted to comply with the provisions of 37 CFR §§1.97 and 1.98
- As provided in 37 CFR §1.98(d), copies of the documents are not being provided since they were previously cited by or submitted to the Patent Office in parent application Serial No. \_\_\_\_\_, filed \_\_\_\_\_.
- A copy of each listed document, that was cited in the International Search Report or International Preliminary Examination Report attached hereto, should have been provided to the U.S. Patent and Trademark Office by the WIPO, and the provisions of 37 CFR §§1.97 and 1.98 should have been complied with.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* prior art reference against the claims of the present application.

- 1. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits in the present application. No fee is required (37 C.F.R. §1.97(b)). The Patent Office is NOT AUTHORIZED to charge deposit account 18-0013 under 37 CFR §§ 1.97(c)(2) and 1.17(p). However, ONLY IF a first Office Action on the merits was mailed before filing of this Information Disclosure Statement, please charge deposit account 18-0013 in the amount of \$180.00 for payment of the fee under 37 CFR §§ 1.97(c)(2) and 1.17(p).
- 2. Please charge any fee deficiency or credit any overpayment to Deposit Account No. 18-0013 as needed to ensure consideration of the disclosed information.

Dated: May 23, 2005

Respectfully submitted,

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PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
				Application Number	10/522,901
				Filing Date	February 1, 2005
				First Named Inventor	Yoshinori Kuboki
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	AKY-0022

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
					T <sup>6</sup>

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
	CA	Johan W. M. Vehof, M.D. et al., "Ectopic Bone Formation in Titanium Mesh Loaded with Bone Morphogenetic Protein and Coated with Calcium Phosphate", Plastic and Reconstructive Surgery, Journal of the American Society of Plastic Surgeons, Vol. 108, No. 2, August 2001, <a href="http://www.plasreconsurg.org">http://www.plasreconsurg.org</a> .			
	CB	Y. Kuboki et al., "Rationale for Hydroxyapatite-coated titanium-mesh as an effective Carrier for BMP", Journal of Dental Research, 1988, Vol. 77, Special Issue A, Abstract of Papers, 27th Annual Meeting of the AADR, 22nd Annual Meeting of the CADR, March 4-7, 1998, Minneapolis, MN, The Official Publication of the International Association for Dental Research			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
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